

PERMIT APPLICATION: NRS04.325

APPLICANT: Bon Aqua-Lyles Utility District
P. O. Box 35
Lyles, Tennessee 37098-0035
931-670-3957

LOCATION: Piney River mile 13.5 near Centerville in Hickman County; 35° 54' 28"N, 87° 28' 11"W

WATERSHED DESCRIPTION: Piney River at this location is a larger order stream that fully supports classified uses. It is also classified as a naturally reproducing trout stream and is listed as high quality (tier 2) waters pursuant to rule 1200-4-3-.06 Tennessee Anti-degradation Statement.

PROJECT DESCRIPTION: The utility district has utilized the Piney River as a raw water source since 1998. The existing concrete superstructure is located at mile 13.5 on the Piney River. The current withdrawal volume is 1.3 million gallons per day (MGD). The district states that its customer base has expanded significantly since the Piney River intake was placed into service in 1998. Raw water withdrawals are currently averaging approximately 1.1 MGD. The proposed work involves an increase in the withdrawal rate from 1.3 MGD to 2.6 MGD. No construction work is needed, only pump and control modifications will be undertaken to increase the facility's capacity. The nearest flow gauging station is about 4 miles upstream of the intake, at about river mile 17.2. The published 7Q10 at that station is 16.2 cubic feet per second, or 10.47 MGD.

PERMIT COORDINATOR: Robby Baker

USGS TOPOGRAPHIC QUADRANGLE: Texas Hollow

